

Syuuji MATSUURA
Serial No. 09/975,997
Response to office action dated March 31, 2004

Amendments to the Specification:

Please replace the paragraph beginning on page 1, line 28 with the following rewritten paragraph:

Current ground wave analogue television broadcasts are delivered by using both of the VHF and UHF bands. Three types of digital television broadcastings have globally been started in 1998-2000. In Japan, a full-scale ground wave digital broadcasting will be started through the UHF band in 2003. For almost all of input streams for digital broadcasting to the STB, MPEG-2 is used. For outputs of the digital STB, television receivers are used regardless of ground wave broadcasting, satellite broadcasting and cable television broadcasting. Thus, the digital STB generally has the same structure.

Please replace the paragraph beginning on page 7, line 7 with the following rewritten paragraph:

An operation is now described. A received signal is passed through an HPF 1 to be supplied to input switching circuits 2, 14 and 22 where the signal is switched to any of HIGH BAND, MID BAND and LOW BAND circuitry. HPF 1 is a high-pass filter having an attenuation range from 5 to 46 MHz and a pass band of 54 MHz or higher. HIGH BAND, MID BAND and LOW BAND correspond respectively to bands of 470-860 MHz, 170-470 MHz and 54-170 MHz. However, the ranges are not particularly limited to these respective ones.

Please replace the paragraph beginning on page 9, line 24 with the following rewritten paragraph:

PLL channel select circuit 270 includes a register 281, a decoder 282 and a voltage generator circuit 283. Channel select data is supplied from the CPU to register resistor 281, the channel select data is then supplied from register 281 to decoder 282 to be decoded. According to the decoded data, a voltage appropriate for each band is supplied from voltage generator circuit 283. This voltage switches the supply voltage between supply voltage V1 to VCO 71, supply voltage V2 to VCO 131 and supply voltage V3 to VCO 81. The band-switching voltage

Syuuji MATSUURA
Serial No. 09/975,997
Response to office action dated March 31, 2004

is supplied to RF amplification input BPFs 30, 150 and 230 and RF amplification output BPFs 50, 170 and 250. According to a corresponding band-switching voltage, appropriate circuits operate.

Please replace the Abstract with the Abstract on a separate sheet provided as an Appendix hereto.